

**NOTICE OF DRAFTPERSON'S  
PATENT DRAWING REVIEW**

The drawing filed (insert date) 12-24-98 are

A \_\_\_\_\_ not objected to by the Drafsperson under 37 CFR 1.84 or 1.152.

**DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color

Color drawing are not acceptable until petition is granted

\_\_\_\_\_ render and non black ink is not permitted. Fig(s) \_\_\_\_\_

**PHOTOGRAPHS.** 37 CFR 1.84(b)

Photographs are not acceptable until petition is granted.

3 full-tone sets are required. Fig(s) \_\_\_\_\_

Photographs not properly mounted (must bristol board or  
photographs: double-weight paper). Fig(s) \_\_\_\_\_

or quality (half-tone) Fig(s) 5, 6, 8

**TYPE OF PAPER.** 37 CFR 1.84(e)

Paper not flexible, strong, white and durable.

Fig(s) \_\_\_\_\_

Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable (too thin)

Mylar, vellum paper is not acceptable (too thin).

Fig(s) \_\_\_\_\_

**SIZE OF PAPER.** 37 CFR 1.84(F): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawings sheets not the same size.

Sheet(s) \_\_\_\_\_

**MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

**SIZE:** A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

**SIZE:** 8 1/2 x 11

Margins not acceptable. Fig(s) 1A-2, 3A-3C, 5-12

Top (T) \_\_\_\_\_ Left (L) 1A-15

Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

**VIEWS.** CFR 1.84(h)

**REMINDER:** Specification may require revision to correspond to drawing changes.

Views connected by projection lines or lead lines.

Fig(s) \_\_\_\_\_

**Partial views.** 37 CFR 1.84(h)(2)

Brackets needed to show figure as one entity.

Fig(s) \_\_\_\_\_

Views not labeled separately or properly.

Fig(s) \_\_\_\_\_

Enlarged view not labeled separately or properly.

Fig(s) \_\_\_\_\_

**SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

Hatching not indicated for sectional portions of an object

Fig(s) \_\_\_\_\_

Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

Views not on the same plane on drawing sheet. Fig(s) \_\_\_\_\_

**SCALE.** 37 CFR 1.84(k)

Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

**CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality).

Fig(s) 4, 7-15

**SHADING.** 37 CFR 1.84(m)

Solid black areas pale. Fig(s) \_\_\_\_\_

Solid black shading not permitted. Fig(s) \_\_\_\_\_

Shade lines, pale, rough and blurred. Fig(s) \_\_\_\_\_

**NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

Numbers and reference characters not plain and legible.

Fig(s) 4, 7-15

Figure legends are poor. Fig(s) \_\_\_\_\_

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) \_\_\_\_\_

English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) \_\_\_\_\_

Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) \_\_\_\_\_

**LEAD LINES.** 37 CFR 1.84(q)

Lead lines cross each other. Fig(s) \_\_\_\_\_

Lead lines missing. Fig(s) \_\_\_\_\_

**NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) \_\_\_\_\_

**NUMBERING OF VIEWS.** 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**CORRECTIONS.** 37 CFR 1.84(w)

Corrections not made from PTO-948 dated \_\_\_\_\_

**DESIGN DRAWINGS.** 37 CFR 1.152

Surface shading shown not appropriate. Fig(s) \_\_\_\_\_

Solid black shading not used for color contrast.

Fig(s) \_\_\_\_\_

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**COMMENTS**

## REVIEWER

DATE 4-26-00 TELEPHONE NO. 703 325 8430

ATTACHMENT TO PAPER NO. 8

PTG COPY